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(GB). TINDALE, Neil [GB/GB]; Wilton Centre, Wilton,  
Redcar TS10 4RF (GB).

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(74) Agents: NEILL, Alastair, William et al.; Appleyard Lees,  
15 Clare Road, Halifax HX1 2HY (GB).

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(71) Applicant (*for all designated States except US*): LUCITE  
INTERNATIONAL UK LIMITED [GB/GB]; Queens  
Gate, 15-17 Queens Terrace, Southampton, Hampshire  
SO14 3BP (GB).

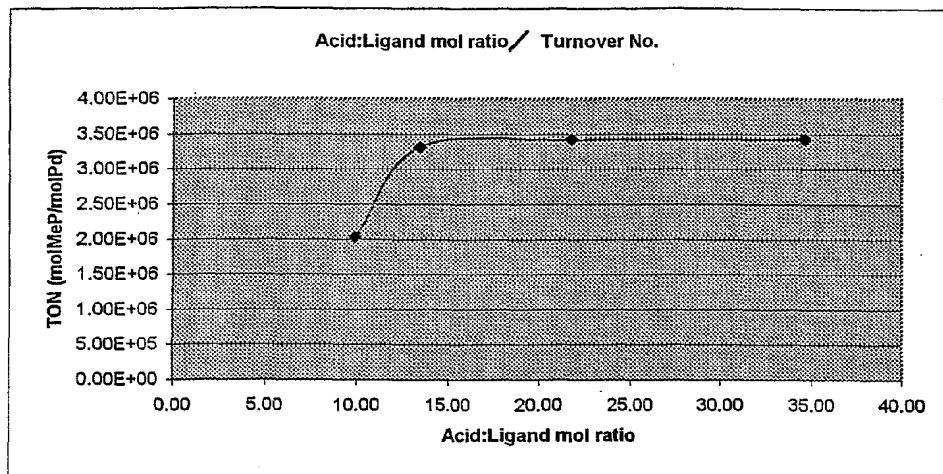
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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): EASTHAM, Gra-  
ham [GB/GB]; Wilton Centre, Wilton, Redcar TS10 4RF

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(54) Title: A CATALYST SYSTEM



(57) Abstract: The present invention provides a catalyst system capable of catalysing the carbonylation of an ethylenically unsaturated compound, which system is obtainable by combining: a) a metal of Group VIB or Group VIIIB or a compound thereof, b) a bidentate phosphine, arsine or stibine ligand, and c) an acid, wherein said ligand is present in at least a 2:1 molar excess compared to said metal or said metal in said metal compound, and that said acid is present in at least a 2:1 molar excess compared to said ligand, a process for the carbonylation of an ethylenically unsaturated compound, a reaction medium, and use of the system.

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